

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2008/067402

A. CLASSIFICATION OF SUBJECT MATTER

INV. G05F3/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/038608 A1 (OZAWA KATSUMI [JP]) 23 February 2006 (2006-02-23) figure 1	1,2,6, 16,17
A	US 2005/285666 A1 (GARLAPATI AKHIL K [US] ET AL) 29 December 2005 (2005-12-29) the whole document	
A,P	US 2008/018319 A1 (CHANG KUEN-SHAN [TW] ET AL) 24 January 2008 (2008-01-24) the whole document	
A	US 2005/237045 A1 (LEE CHAO-CHI [TW] ET AL) 27 October 2005 (2005-10-27) the whole document	
A	KR 2007 0115143 A (HYNIX SEMICONDUCTOR INC [KR]) 5 December 2007 (2007-12-05) the whole document	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

5 March 2009

Date of mailing of the international search report

20/03/2009

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2008/067402

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006038608 A1	23-02-2006	JP 2006059315 A	02-03-2006
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		US 2008042736 A1	21-02-2008